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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/933,914	08/20/2001	Nikolai K.N. Leung	010439	7752

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Qualcomm Incorporated
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EXAMINER

GELIN, JEAN ALLAND

ART UNIT PAPER NUMBER

2681

DATE MAILED: 06/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/933,914

Applicant(s)

LEUNG ET AL.

Examiner

Jean A Gelin

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 20 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4, 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Gagnon et al. (EP 1 024 661 A2).

Regarding claim 1, Gagnon teaches in a wireless communication system supporting a broadcast service (i.e., system that broadcast video or multimedia data over the air, col. 10, lines 45-55), a method comprising: transmitting a broadcast session on a broadcast transmission channel (col. 10, lines 45-55 and col. 13, line 49 to col. 14, line 12); and transmitting broadcast overhead information with the broadcast session on the broadcast transmission channel (col. 29, line 39 to col. 30, line 57).

Regarding claim 2, Gagnon teaches wherein the broadcast overhead information is a session description protocol message containing information for processing the broadcast session, and wherein the session description protocol message is interleaved with broadcast content of the broadcast session (col. 30, lines 4-57).

Regarding claim 3, Gagnon teaches a communication signal transmitted on a carrier wave (i.e., broadcasting video over the air, col. 10, lines 45-55), the signal comprising: a broadcast session portion (i.e., broadcasting video, col. 6, lines 25-39); and a session description protocol message (SDP message) interleaved with the

broadcast session portion, wherein the SDP provides information for processing the broadcast session (col. 30, lines 4-57).

Regarding claim 4, Gagnon teaches wherein the signal is transmitted via a broadcast transmission channel (col. 8, line 53 to col. 9, line 11).

Regarding claims 5, 7, Gagnon teaches in a wireless communication system supporting a broadcast service (i.e., system that broadcast video or multimedia data over the air, col. 10, lines 45-55), a method comprising: receiving a session description protocol (SDP) message corresponding to the broadcast session on the broadcast channel (col. 10, lines 45-55 and col. 13, line 49 to col. 14, line 12); accessing a broadcast session on a broadcast channel; and processing the broadcast session using the SDP message (col. 29, line 39 to col. 30, line 57).

Regarding claim 6, Gagnon teaches wherein the SDP message is interleaved with broadcast content of the broadcast session (col. 30, lines 4-32).

Regarding claim 8, Gagnon teaches means for receiving header compression information (col. 29, line 39-42).

Regarding claim 9, Gagnon teaches memory storage adapted to store the SDP corresponding to a plurality of broadcast sessions, wherein the SDP of each of the plurality of broadcast sessions is updated when the corresponding broadcast session is accessed (col. 29, line 39 to col. 30, line 54).

Regarding claim 10, Gagnon teaches wherein the memory storage is a cache memory (i.e., SDP+ records various information that can use in the system, col. 30, lines 24-32).

Regarding claim 11, Gagnon teaches wherein the memory storage is a look up table (col. 31, lines 17-25).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Osawa et al. (US 5,473,642) teaches data communication using single logical link for broadcast session.

Yu et al. (US 5,787,347) teaches method and apparatus for selecting a cellular system for communication with a cellular telephone in roaming area.

Wegrzyn (US 5,729,540) teaches system and method for scheduling messages on a common channel.

Raith (US 5,923,649) teaches layer 2 protocol in a cellular communication system.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean A Gelin whose telephone number is (703) 305-4847. The examiner can normally be reached on 9:00 AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on (703) 305-4778. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

JEAN GELIN
PATENT EXAMINER

J. Gelin

May 31, 2003

Jean Allard Gelin